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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Application Number 09/695,812

Filing Date Oct 24, 2000

First Named Inventor Hunt
Group Art Unit 2143

Examiner Name WILEY, DAVID ARMAND

Attorney Docket Number MS1-547US

Complete if Known

U.S. PATENT DOCUMENTS Pages, Columns, Lines, Where Relevant U.S. Patent Document Date of Publication of Name of Patentee or Applicant Cite **Cited Document** Passages or Relevant Figures Appear Kind Code of Cited Document Initiats' Number MM-DD-YYYY 05-30-2000 See, et al.  $m_0$ 6,070,243 Technology Center 2100

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Examiner Initials	Cite No.1	Office <sup>3</sup>	Foreign Patent Doc Number <sup>4</sup>	ument Kind Code <sup>s</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	1	of	. 1	Attorney Docket Number	MS1-547US	7

				U.S. PATENT DOC	JMENTS	,	
Examiner Initials	No.1	U.S. Patent	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
VM	n	5,031,089		Liu et al.	07-09-1991		
4/20		5,948,055		Pulsipher et al.	09-07-1999		
		6,393,456		Ambler et al.	05-21-2002		
		6,470,332		Weschler	10-22-2002		
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known					
Application Number	09/695,812				
Filing Date	Oct 24, 2000				
First Named Inventor	Hunt				
Group Art Unit	2144				
Examiner Name	TRAN, LAMBERT L				
Attorney Docket Number	MS1-547US				

	U.S. PATENT DOCUMENTS									
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Sheet	2		of	2	Attorney Docket Number	MS1-547US		

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
WK	)	SOMERS; "HYBIRD: Unifying Centralised and Distributed Network Management using Intelligent Agents"; 04/15/1996; IEEE 1996; pp. 34-43.	i
1	ار	SMITH, et al; "Distributed Management of Future Global Multi-Service Networks"; 8076 British Telecommunications Engineering; 10/13/1994; Pt. 3, London, GB;	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known						
Application Number	09/695,812	_				
Filing Date	Oct 24, 2000					
First Named Inventor	Hunt					
Group Art Unit	2144					
Examiner Name	Cuchlinski, Jr., W.	_				
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				U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Document  Kind Code <sup>2</sup> (// known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
(11)		5,220,621		Saitoh	06-15-1993	
		5,430,810		Saeki	07-04-1995	
		5,801,970		Rowland	09-01-1998	
		5,960,371		Saito et al.	09-28-1999	
TTI		6,108,699		Maiin	08-22-2000	
		6,111,993		Matsunaga	08-29-2000	
		6,125,447		Gong	09-26-2000	
		6,192,401		Modiri et al.	02-20-2001	
		6,263,089		Otsuka et al.	07-17-2001	
		6,324,571		Hacherl	11-27-2001	
		6,336,171		Coskrey, IV	01-01-2002	
		6,393,474		Eichert et al.	05-21-2002	
		6,449,641		Moiin et al.	09-10-2002	
		6,466,978		Mukherjee et al.	10-15-2002	
		6,466,984		Naveh et al.	10-15-2002	
		6,487,622		Coskrey, IV et al.	11-26-2002	
		6,493,715		Funk et al.	12-10-2002	- · ·
		6,496,187		Deering et al.	12-17-2002	
		6,615,256		van Ingen et al.	09-02-2003	
$\neg \tau$		2001/001955	4	Nomura et al.	09-06-2001	

				FORE	GN PATENT DOCUMEN	rs		
		F	oreign Patent Do	cument	Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/695,812	_				
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Examiner Name	Cuchlinski, Jr., W.					
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MM		2002/00955	24	Sanghvi et al.	07-18-2002	
''		2003/00411	39	Beadles et al.	02-27-2003	
	<u>_</u>	2003/01262	230	Donatelli et al.	07-03-2003	
		2003/01544	04	Beadles et al.	08-14-2003	
		2003/02065	48	Bannai et al.	11-06-2003	
71		2004/00547	91	Chakraborty et al.	03-18-2004	
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Attorney Docket Number	MS1-547US			

	NON PATENT LITERATURE DOCUMENTS							
Examiner Cite No.1								
M		Webster's Seventh New Collegiate Dictionary, G.C. Merriam Co. Copyright 1971, pgs 438 & 767						
•		LI, HSIANG-LING, CHAKRABARTI, CHAITALI; "Hardware Design of a 2-D Motion Estimation System Based on the Hough Transform" IEEE 1998; 16 pages						
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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M		6047325		Jain et al.	04/04/2000	
		6070243		See et al.	05/30/2000	
		6141749		Coss et al.	10/31/2000	
		6266707		Boden et al.	07/24/2001	
		6360265		Falck et al.	03/19/2002	
$\neg \neg$		6366578		Johnson	04/02/2002	
		6466932		Dennis et al.	10/15/2002	
_		6510154		Mayes et al.	01/21/2003	
		6510509		Chopra et al.	01/21/2003	
		6684335		Epstein III et al.	01/27/2004	
		6691168		Bal et al.	02/10/2004	
		6694436		Audebert	02/17/2004	
$\top$		6717949		Boden et al.	04/06/2004	
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